

142163  
BISHOP'S STORTFORD URBAN DISTRICT COUNCIL



# ANNUAL REPORT

of the

**Medical Officer of Health**

and the

**Chief Public Health Inspector**

for the year 1970



**BISHOP'S STORTFORD URBAN DISTRICT COUNCIL**



# **ANNUAL REPORT**

**of the**

**Medical Officer of Health**

**and the**

**Chief Public Health Inspector**

**for the year 1970**

MEMBERS OF THE COUNCIL, 1970-71

Councillor C.J.N. Lindsey	Chairman
Councillor Mrs. V. Sparrow, C.C.	Vice-Chairman
Councillor A. R. Bailey	
" P.A. Forrestier Smith	
" W.J. George	
" J.L. Graddon	
" G. Hurst-Greaves	
" A. J. Knight	
" D. G. Lacy	
" Mrs. M.B. Mason	
" W.H. Neuff, O.B.E.	
" R.H. Read	
" Mrs. E.L. Shoebridge (until mid-December 1970)	
" C.S. Thomas	
" Lt. Col. R.J. Venn, T.D., D.L.	
" P.L.T. Walker, B.A.	
" B.V. Wallis (from November, 1970)	
" C.N. Weight (until October, 1970)	
" F.R. Whistler	

PUBLIC HEALTH DEPARTMENT

IRENE R. CLARKE, M.B., Ch.B. D.P.H., D.Obst.R.C.O.G.

Medical Officer of Health

---

A.L. GOOD, F.R.S.H., F.A.P.H.I., F.I.P.H.E., A.I.H.M.

Chief Public Health Inspector  
Inspector of Meat and Other Foods

---

H.W. CHILDS, F.R.S.H., M.A.P.H.I.

Deputy Chief Public Health Inspector  
Inspector of Meat and Other Foods

---

MISS S.M. COOPER, M.R.S.H., M.A.P.H.I. (until 31st October, 1970)

Additional Public Health Inspector  
Inspector of Meat and Other Foods

---

B.M. CURTIS, M.R.S.H., M.A.P.H.I. (from 16th November, 1970)

Additional Public Health Inspector  
Inspector of Meat and Other Foods

---

I.D.A. SPONG, Pupil Public Health Inspector (from 14th September,  
1970)

---

MRS. R.A. JOHNSON, Secretary (until 12th June, 1970)

---

MRS. J. KANE, Secretary (from 1st June, 1970)

---

BISHOP'S STORTFORD URBAN DISTRICT COUNCIL

Public Health Department  
The Council House,  
The Causeway,  
Bishop's Stortford.

October, 1971.

To the Chairman and Members  
Bishop's Stortford Urban District Council

MADAM CHAIRMAN, LADIES AND GENTLEMEN,

We have the honour to submit the Annual Report on the health of Bishop's Stortford Urban District.

In 1970 there was a slight decrease in the birth rate, 344 births being recorded in contrast to 365 in 1969. These figures give an adjusted birth rate of 13.8 per 1,000 population whereas the birth rate for England and Wales was 16.0 per 1,000. To those who find Bishop's Stortford population approaching saturation, these figures will be most welcome.

Unfortunately there was an increase in the number of deaths notified (213 in comparison to 183 in 1969). This increase (30) was largely borne by those under 65 years of age and simply reflects similar findings elsewhere in Britain. Many of these deaths in "middle age" are due to "Heart Disease" and "Cancer". In some instances these deaths from heart diseases can be directly attributed to obesity and "stresses" of the age we live in while the Royal College of Physicians Report on smoking leaves little doubt about the association between smoking and lung cancer. It would seem that many people must possess a 'lemming instinct' since attempts to bring these dangers to their notice are not appreciated in spite of all the aid of modern telecommunications and a sympathetic press. How welcome a situation it would be if cigarette smoking passed into the Archives of Social History to take its place alongside the 'village pump'.

Miss Susan Cooper left the staff of the Public Health Department on the occasion of her marriage. She was the first woman to become a Public Health Inspector in Bishop's Stortford. We offer her our good wishes for the future. The tenure of this appointment in 1970 was held by Mr. Brian Curtis.

The Members and Officers of the Council supported the work of the Public Health Department throughout the year.

We are, Your obedient servants,

IRENE R. CLARKE  
Medical Officer of Health

A. L. GOOD  
Chief Public Health Inspector

## SECTION A

### PROVISION OF MEDICAL AND ANCILLARY SERVICES

#### General Practitioner Services

These are provided by thirteen practitioners working in three practices. Two of these practices are of the group type and the third has two doctors working in partnership.

Dental treatment is provided by five practices.

Pharmaceutical services are provided by six chemists.

#### Hospital Services

These services are provided by the North-East Metropolitan Regional Hospital Board and are administered by the Harlow Group Hospital Management Committee.

The majority of hospital cases in the Urban District of Bishop's Stortford are accommodated in the Herts & Essex General Hospital (372 beds) and the Bishop's Stortford and District Hospital (67 beds). The hospital authorities provide facilities which enable the Family Planning Association to run evening clinics.

#### Hertfordshire County Council Services

The County Council provides the following services :-

- (1) Clinics: These are all held in the Health Centre, Market Square, Bishop's Stortford (Telephone No. Bishop's Stortford 2746)

Infant Welfare                      Thursdays 10.00 am - 12.00 noon, 2.00 pm - 4.00 pm

Antenatal                              Wednesdays and Fridays (from 2.00 pm - 3.00 pm)  
by appointment with appropriate General Practitioner.

General Clinic for  
School children                      1st and 3rd Wednesday in every month 10.00 am - 12.00 noon

Child and Family  
Psychiatric service                      Tuesdays (all day) by appointment

Well Woman Clinic  
(cervical cytology)                      1st and 3rd Monday in every month,  
10.00 am - 12.00 noon.

Speech Therapy                      Friday (all day) by appointment

Dental                                      School children and expectant mothers (daily) by appointment

Chiropody                                  Wednesday mornings - by appointment

Family Planning                      2nd and 4th Monday in every month 10.00 am - 12.00 noon  
(This clinic is organised and staffed by the Family Planning Association)



Hertfordshire County Council Services (continued)

(2) Health and Welfare Services:

Nursing Services (a) Health Visitors and School Nurses may be contacted at the Health Centre between 9.00 am and 10.00 am and between 4.00 - 5.00 pm on weekdays.

(b) Domiciliary Midwives and Home Nurses work from the following addresses:-  
25a Portland Road (tel: B.S. 4332)  
72 Stortford Hall Park (tel: 2755)  
109 Rye Street (tel: B.S. 2417)  
33 Elm Road (tel: B.S. 51385)  
1A East Road (tel: B.S. 5622)

School Health Service

Apart from the initial examination of primary school entrants, a selective system of medical examination is used in the schools. The method operates well and is given great assistance by school staff. Many feel that a secondary school entrance examination should also be a routine procedure and this may evolve as the future of the school health service is still under review.

Home Help Service

This service operates from the Health Centre. The District Organiser may be contacted there on weekdays between 9.00 am and 12.30 p.m. and on Thursdays and Fridays, 2.00 pm - 5.00 p.m.

Social Welfare

A team of Social Workers working from the Health Centre attend to the welfare problems of the community.

Ambulance Service

There is an Ambulance Station in Patmore Close, Hadham Road, Bishop's Stortford.

Laboratory Service

Laboratory facilities for Public Health Specimens are provided by the Public Health Laboratory, Cambridge.

(3) Voluntary Services

The town is well served by many voluntary organisations, among them the Bishop's Stortford and District Society for Mentally Handicapped Children. In addition to help given to individuals, this organisation run a weekly creche for small children and a Youth Club for those of school leaving age and over. Both these activities fill gaps in the Local Authority Welfare Services and are therefore extremely useful.



## SECTION B.

STATISTICS19701969(1) General

Area (Acres) .....	3,826	(3,826)
Population (Registrar General's estimate for Mid-year) .....	21,280	(21,270)
Population (Census 1961) .....	18,308	(18,308)
Rateable Value .....	£1,202,064	(£1,176,978)
Sum represented by a Penny Rate .....	£11,760	(£4,750)
Number of Inhabited Houses .....	7,119	(6,993)
Density of Persons per acre .....	5.6	(5.5)
Density of Houses per acre .....	1.89	(1.8)
Average number of occupants per house .....	2.99	(3.04)

(2) Vital Statistics

(a) Live Births (Total) ..... 344 (365)

	<u>Males</u>	<u>Females</u>
Legitimate	162	162
Illegitimate	14	6

(b) Live Birth Rate per 1,000 Population:-

Crude Rate .....	16.2	(17.2)
Adjusted Rate (Comparability Factor 0.85) .....	13.8	(14.6)
Rate for England and Wales .....	16.0	(16.3)

(c) Illegitimate live births per cent of total

Live Births .....	6.0	(3.0)
-------------------	-----	-------

(d) Stillbirths ..... 3 (6)

Stillbirth rate per 1,000 live and stillbirths .....	9	(16)
--	---	------

(e) Infant deaths (Deaths under 1 year) ..... 3 (4)

Infant Mortality Rate (deaths under 1 year per 1,000 live births) .....	9	(11)
--	---	------

Infant Mortality Rate for England and Wales .....	18	(18)
---	----	------

Neo-Natal Mortality Rate (Deaths under 4 weeks per 1,000 live births) .....	9	(11)
--	---	------

Perinatal Mortality Rate (Stillbirths and Deaths under 1 week combined per 1,000 live and stillbirths) .....	17	(27)
--	----	------

Perinatal Mortality Rate for England and Wales .....	23	(23)
--	----	------

(f) Maternal Mortality ..... Nil (Nil)

(g) Total Deaths ALL Ages ..... 213 (183)

(h) Death Rate per 1,000 population:-

Crude Rate .....	10.0	(8.6)
------------------	------	-------

Adjusted Rate .....	11.0	(9.5)
(Comparability Factor 1.10)		

Rate for England and Wales .....	11.7	(11.9)
----------------------------------	------	--------

(3) Comparative Table of Vital Statistics

		1970	1969	1920
Live Births	No.	344	365	167
	Adjusted Rate	13.8	14.6	19.9
Total Infant Deaths	No.	3	4	6
	Rate	9.0	11.0	35.9
Maternal Deaths	No.	Nil	Nil	Nil
	Rate	Nil	Nil	Nil
Total Deaths	No.	213	183	98
	Adjusted Rate	11.0	9.5	10.1
Population (Estimated Mid-Year)		21,280	21,270	8,387

(4) MORTALITY TABLE

Cause of Death	Sex	Under 4 wks	4 wks & under 1 yr	AGE IN YEARS				Over 75	Total All Ages
				1-4	5-14	15-24	25-64	65-75	
1. Malignant Neoplasm, Oesophagus	M F	- -	- -	- -	- -	- -	- -	- 1	- 1
2. Malignant Neoplasm, Stomach	M F	- -	- -	- -	- -	- -	1 1	2 1	4 3
3. Malignant Neoplasm, Intestine	M F	- -	- -	- -	- -	- -	3 2	- -	3 3
4. Malignant Neoplasm, Larynx	M F	- -	- -	- -	- -	- -	- -	- -	1 -
5. Malignant Neoplasm, Lung, Bronchus	M F	- -	- -	- -	- -	- -	3 2	5 -	10 2
6. Malignant Neoplasm, Breast	M F	- -	- -	- -	- -	- -	- 7	- 1	- 9
7. Malignant Neoplasm, Prostate	M	-	-	-	-	-	-	-	1
8. Other Malignant Neoplasms	M F	- -	- -	- -	1 -	- -	6 1	1 1	8 4
9. Diabetes Mellitus	M F	- -	- -	- -	- -	- -	- -	- -	1 -
10. Anaemias	M F	- -	- -	- -	- -	- -	- -	- -	- 1
11. Other Diseases of Nervous System	M F	- -	- -	- -	- -	- -	- -	- -	1 -

MORTALITY TABLE (Continued)

Cause of Death	Sex	Under 4 wks	4 wks & under 1 yr	AGE IN YEARS					Over 75	Total All Ages
				1-4	5-14	15-24	25-64	65-75		
12. Chronic Rheumatic Heart Disease	M	-	-	-	-	-	1	-	-	1
	F	-	-	-	-	-	-	-	3	3
13. Hypertensive Disease	M	-	-	-	-	-	-	-	-	-
	F	-	-	-	-	-	-	-	2	2
14. Ischaemic Heart Disease	M	-	-	-	-	-	11	11	9	31
	F	-	-	-	-	-	-	2	12	14
15. Other forms of Heart Disease	M	-	-	-	-	-	1	-	3	4
	F	-	-	-	-	-	-	-	7	7
16. Cerebrovascular Disease	M	-	-	-	-	-	4	1	3	8
	F	-	-	-	-	-	1	5	5	11
17. Other Diseases of Circulatory System	M	-	-	-	-	-	1	2	3	6
	F	-	-	-	-	-	1	1	5	7
18. Influenza	M	-	-	-	-	-	1	-	-	1
	F	-	-	-	-	-	-	1	-	1
19. Pneumonia	M	-	-	-	-	-	-	-	10	10
	F	-	-	-	-	-	1	1	16	18
20. Bronchitis and Emphysema	M	-	-	-	-	-	1	2	3	6
	F	-	-	-	-	-	-	1	1	2
21. Other Diseases of Respiratory system	M	-	-	-	-	-	-	-	1	1
	F	-	-	-	-	-	1	1	2	4

MORTALITY TABLE (continued)

Cause of Death	Sex	Under 4 wks	4 wks & under 1 yr	AGE IN YEARS				Over 75	Total All Ages
				1-4	5-14	15-24	25-64		
22. Peptic Ulcer	M F	- -	- -	- -	- -	- -	- -	- 1	- 1
23. Intestinal Obstruction and Hernia	M F	- -	- -	1 -	- -	- -	- -	1 -	2 -
24. Other Diseases of Digestive System	M F	- -	- -	- -	- -	- -	- 1	2 -	2 1
25. Nephritis and Nephrosis	M F	- -	- -	- -	- -	- -	1 -	- 1	1 1
26. Other Diseases, Genito-Urinary system	M F	- -	- -	- -	- -	- -	- -	1 1	1 1
27. Diseases of Musculo-Skeletal System	M F	- -	- -	- -	- -	- -	- -	- 1	- 1
28. Congenital Anomalies	M F	- 1	- -	- -	- -	- -	1 -	- -	1 2
29. Birth Injury, Difficult Labour etc.	M F	2 -	- -	- -	- -	- -	- -	- -	2 -
30. Symptoms and Ill Defined conditions	M F	- -	- -	- -	- -	- -	- -	1 -	1 -
31. Motor Vehicle Accidents	M F	- -	- -	- -	- -	- -	- 1	- -	- 1

MORTALITY TABLE (continued)

Cause of Death	Sex	Under 4 wks	4 wks & under 1 yr	AGE IN YEARS					Over 75	Total All Ages
				1-4	5-14	15-24	25-64	65-75		
32. All other Accidents	M	-	-	-	-	1	2	-	-	3
	F	-	-	-	-	-	-	-	1	1
33. All other External Causes	M	-	-	-	-	-	-	1	-	1
	F	-	-	-	-	-	1	-	-	1
<u>TOTAL ALL CAUSES</u>	M	2	-	1	1	1	37	26	43	111
	F	1	-	-	-	-	20	19	62	102



#### MORTALITY TABLE - MAIN CAUSES OF DEATH

There was an increase in the number of deaths (30) notified during the year. The Crude Death Rate was 10 per 1,000 population, a figure which approaches the rate for England and Wales (11.7 per 1,000 population).

Diseases of Heart and Circulation remain the most common cause of death in the area, followed by deaths caused by pneumonia. The latter is to be expected in a population in which almost 50% of the deaths occur in the over 75 years old age group. The majority of deaths in the middle-aged part of the population (i.e. 25 - 65 years) resulted from cancer.

The three main causes of death were: -

- (a) Diseases of the Heart and Circulation ..... 75 (35.2%)
- (b) Cancer and Lymphoid Diseases ..... 49 (23.01%)
- (c) Diseases of Respiratory System ..... 43 (20.16%)

#### INFANT AND PERINATAL MORTALITY

The 1970 Infant Mortality rate for Bishop's Stortford was 9 per 1,000 live births. This incidence is exactly half the rate for England and Wales (18 per 1,000).

Three infant deaths were recorded, two of which were attributed to Congenital Heart Defects.

In 1968 the Perinatal Mortality Rate was abnormally high (41 per 1,000). The following year a figure of 27 per 1,000 was recorded. This year the rate was 17 per 1,000. It would seem likely that the great variation that occurred in these figures was purely the result of the low numbers involved.



SECTION C

PREVALENCE OF AND CONTROL OVER  
INFECTIOUS AND OTHER DISEASES

(1) NOTIFIABLE DISEASES

Notification of the following infectious diseases were received during the year: -

DISEASE	UNDER 1 year	1-2	3-4	5-9	10-14	15-24	25-60	OVER 60	ALL AGES
Dysentery	-	-	-	1	-	-	-	-	1
Food Poisoning	-	-	-	-	-	-	1	-	1
Infective Hepatitis	-	-	1	4	3	2	1	-	11
Measles	-	5	3	3	-	1	-	-	12
Ophthalmia Neonatorum	1	-	-	-	-	-	-	-	1
Scarlet Fever	-	-	1	-	-	-	-	-	1
Tuberculosis	-	-	-	-	-	-	2	-	2
TOTALS	1	5	5	8	3	3	4	-	29

DISEASE	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Total
Dysentery	1	-	-	-	-	-	-	-	-	-	-	-	1
Food Poisoning	-	-	-	-	-	-	1	-	-	-	-	-	1
Infective Hepatitis	-	2	4	-	1	-	-	3	1	-	-	-	11
Measles	7	1	-	1	-	1	-	-	1	-	-	1	12
Ophthalmia Neonatorum	-	-	-	-	-	-	-	1	-	-	-	-	1
Scarlet Fever	-	-	-	-	-	-	-	-	1	-	-	-	1
Tuberculosis	-	-	1	-	-	-	-	-	-	-	1	-	2
TOTALS	8	3	5	1	1	1	1	4	3	-	1	1	29

## Infectious diseases

The incidence of notifiable infectious disease in the town remains low. The only figure of importance being the incidence of Infective Hepatitis.

This disease only became notifiable in 1968 and this is the first year that more than one case has been noted in the town. The disease is viral in origin and usually affects school children and young adults.

Only one case of food-poisoning was notified. The source of infection was found to be outside the town. The town continues to be fortunate in the high standard of hygiene maintained by its food-handlers.

### (2) TUBERCULOSIS

	MALES		FEMALES		TOTALS
	Pul.	Non Pul.	Pul.	non Pul.	
Cases on Register at 31.12.69	37	3	18	9	67
Number of Cases Notified during year	2	-	-	-	2
Inward Transfer	-	-	-	-	-
Cases Removed	-	1	-	-	1
Cases on Register at 31.12.70	39	2	18	9	68

The last triennial visit of the Mass Radiography Unit to the town under the present arrangements occurred in the Autumn of 1970. The unit visited 4 sites in the town and a total of 3,206 people came forward to be X-rayed. 43 required further investigation (i.e. 1.3%). In 1967 only .9% required investigation, however in 1967 8 cases of tuberculosis were found compared with 4 cases in 1970. These figures follow the national trend and explain the re-organisation of the Mass Radiography Service which is taking place at present.

### (3) Nurseries and Child Minders Regulation Act, 1948 Health Services and Public Health Act, 1968

The number of Nursery Schools and Playgroups continue to increase. 14 are now registered by the Urban District Council. These establishments are inspected regularly by the Health Visitors.

(4) National Assistance Act, 1948, Section 47  
National Assistance (Amendment) Act 1951

It became necessary during the year to arrange for the compulsory removal to hospital of an elderly woman in the town in accordance with the above Act. After treatment she was discharged from hospital and attended as a day patient for four months before it was again necessary to invoke the Act.

The 'Day-Patient' scheme in operation in the Geriatric Unit of the Herts and Essex Hospital is most satisfactory as it enables the elderly to be well cared for during the day and to sleep in their own beds at night.

(5) Refuse Collection and Disposal

The regular weekly collection of refuse was disposed of by "controlled tipping" methods at Hadham Towers in the Rural District of Braughing.

During 1970 a new system of collecting large items of refuse was introduced. These items are now collected "on demand". A charge of £5 is made only if the refuse items comprise an entire lorry load.

(6) Water Supply

Twenty-three samples of drinking water were submitted for bacteriological examination to the Cambridge Public Health Laboratory. All reports were satisfactory.

A sample of water from a house in Patmore Close was submitted for chemical analysis to the Public Analyst, who reported as follows:-

Physical Characters ..... Good  
Reaction ..... pH 7.1

The sample contained:-

	<u>parts per 100,000</u>
Chloride .....	2.5
Ammonia (free & saline) .....	nil
Ammonia (albuminoid) .....	0.0014
Oxygen absorbed in 3 hrs at 37° C .....	0.0198
Nitrate (as N) .....	0.25
Nitrite .....	absent
Poisonous Metals .....	absent
Total Hardness (Clark) .....	25.9

### Bacteriological Examination

Coliform organisms absent in 100 mils  
No. of micro-organisms per mil at 37°C = Nil  
No. of micro-organisms per mil at 21°C = Nil

Microscopical Examination of Deposit - None

### Remarks

The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter.

I am of the opinion that this water is fit for drinking purposes.

S. Greenburgh  
Public Analyst.

### Fluoride Content

The Chief Chemist and Bacteriologist of the Lee Valley Water Co. has reported that in a sample of water taken from the town during the year, this revealed a fluoride content of less than 0.2 parts per million.

### (7) Swimming Pools

Sixty samples of water were taken from the seven swimming pools in the area, including three samples submitted for bacteriological examination. All samples were found to be satisfactory.

### (8) Drainage and Sewerage

The work necessary to maintain an adequate drainage and sewerage system was greatly hampered in 1970 by a shortage of staff in the Department of the Engineer & Surveyor. Eventually much of the work was passed to Consultants.

The contract for the new Sewage Works went to tender in 1970 and work commenced in February 1971. The Passveer Ditch, recommended by the Consultant Engineer was completed in May 1970. This measure improved the effluent of the sewage works considerably.

Surface Water sewers gave trouble during the year under review in several areas in the town. Cannons Mill Lane has frequently been flooded and the work necessary to correct this defect has recently been contracted out to Consultants. The construction of the "Link Road" necessitated the reconstruction of a short length of sewer at Northgate End. There was a collapse in the surface water sewer at Lea Close - temporary repairs have been carried out but further work remains to be done on this site. The situation is similar in Hadham Road. Design is progressing in plans for the New Pumping Station, the Thorley Sewage Scheme and the Town Centre Sewer.

Unfortunately plans of existing sewers are inadequate but much has been done by the present Engineer, Mr. Cox, to remedy this. Television surveys have been carried out in some areas. It is hoped that the staff situation will improve when the future of Local Government becomes more certain with the publication of the Government's Bill on Local Government in November, 1971.



SECTION DPUBLIC HEALTH ADMINISTRATION(1) Inspection of the District

5,119 visits to all types of premises were carried out during the year, the details of which are given below.

<u>Total Number of Visits</u>	.. .. .	<u>5,119</u>
Dwelling houses inspected for housing defects		
under the Public Health and Housing Acts	.. .. .	156
Revisits to houses for housing defects	.. .. .	214
Council House Applications	.. .. .	188
Drainage and Drain Tests	.. .. .	386
Complaints other than housing	.. .. .	247
Markets	.. .. .	235
Factories (Power and Non-Power)	.. .. .	57
Factories Act - Building Sites	.. .. .	7
Factories Act - Outworkers	.. .. .	4
Workplaces, Offices and Shops	.. .. .	149
Schools	.. .. .	56
Moveable Dwellings	.. .. .	7
Water Supply and Sampling	.. .. .	61
Swimming Pools and Sampling	.. .. .	52
Places of Entertainment	.. .. .	2
Immigrants	.. .. .	23
Infectious Diseases and Disinfection	.. .. .	36
Refuse Disposal	.. .. .	46
Rodent Control	.. .. .	145
Atmospheric Pollution	.. .. .	407
Vermin and Insect Pests	.. .. .	201
Petroleum	.. .. .	107
Miscellaneous Visits	.. .. .	181
Interviews with Owners, Builders, etc.	.. .. .	1,516
Meat and Other Food Inspection :-		
Shops and Stalls	.. .. .	22
Wholesalers, Canteens, etc.	.. .. .	10
Butchers	.. .. .	27
Dairies and Milk Distributors	.. .. .	14
Fish Shops	.. .. .	20
Cafes, Restaurants and Canteens	.. .. .	38
Bakers	.. .. .	33

Grocers .. .. .	176
Ice-Cream Premises and Vehicles .. .. .	29
Greengrocers .. .. .	12
Licensed Premises .. .. .	32
Street markets .. .. .	114
Food Preparing Premises and Wholesalers .. .. .	21
Sugar Confectioners .. .. .	20
Other Food Premises and Vehicles .. .. .	1
Milk Sampling .. .. .	12
Ice Cream Sampling .. .. .	14
Other Foods Sampling .. .. .	20
Miscellaneous Food Visits .. .. .	21

---

(2) Special Premises

Particulars of the number and type of all the special premises on the register at the end of 1970 are given below:-

	<u>Type of Premises</u>	<u>No.</u>
<u>Factories</u>		
(a) Power .. .. .		95
(b) Non-Power .. .. .		4
Offices .. .. .		90
Fuel Storage Depots .. .. .		4
<u>Food Premises</u>		
Bakehouses and Bakers .. .. .		6
Butchers .. .. .		12
Canteens .. .. .		23
<u>Clubs</u>		
(a) Licensed .. .. .		10
(b) Non-Licensed .. .. .		10
Dairy Men and Dairies .. .. .		2
<u>Fishmongers</u>		
(a) Wet Fish .. .. .		2
(b) Wet and Fried .. .. .		2
Greengrocers .. .. .		10
<u>Grocers</u>		
(a) Licensed .. .. .		6
(b) Non-Licensed .. .. .		15

<u>Type of Premises</u>													<u>No.</u>
<u>Food Premises</u>													
Hotels	..	..	..	..	..	..	..	..	..	..	..	..	4
Licensed Premises	..	..	..	..	..	..	..	..	..	..	..	..	31
<u>Restaurants</u>													
(a) Licensed	..	..	..	..	..	..	..	..	..	..	..	..	5
(b) Non- Licensed	..	..	..	..	..	..	..	..	..	..	..	..	7
Sugar Confectionery	..	..	..	..	..	..	..	..	..	..	..	..	4
Manufacture or storage of Ice Cream	..	..	..	..	..	..	..	..	..	..	..	..	36
Manufacture or storage of Sausages, etc.	..	..	..	..	..	..	..	..	..	..	..	..	12
<u>Non-Food Premises</u>													
Antiques	..	..	..	..	..	..	..	..	..	..	..	..	2
Boots and Shoes	..	..	..	..	..	..	..	..	..	..	..	..	8
Builders Merchants	..	..	..	..	..	..	..	..	..	..	..	..	2
Chemists	..	..	..	..	..	..	..	..	..	..	..	..	6
Clothiers	..	..	..	..	..	..	..	..	..	..	..	..	20
Drapers	..	..	..	..	..	..	..	..	..	..	..	..	5
Dry Cleaners	..	..	..	..	..	..	..	..	..	..	..	..	5
Electrical Goods	..	..	..	..	..	..	..	..	..	..	..	..	5
Furniture etc.	..	..	..	..	..	..	..	..	..	..	..	..	10
Florists	..	..	..	..	..	..	..	..	..	..	..	..	4
Hairdressers	..	..	..	..	..	..	..	..	..	..	..	..	17
Hardware	..	..	..	..	..	..	..	..	..	..	..	..	3
Ironmongers	..	..	..	..	..	..	..	..	..	..	..	..	5
Jewellers and Watchmakers	..	..	..	..	..	..	..	..	..	..	..	..	3
Leather Goods	..	..	..	..	..	..	..	..	..	..	..	..	2
Launderettes	..	..	..	..	..	..	..	..	..	..	..	..	2
Milliners	..	..	..	..	..	..	..	..	..	..	..	..	-
Motor Cycle Dealers etc.	..	..	..	..	..	..	..	..	..	..	..	..	5
Miscellaneous	..	..	..	..	..	..	..	..	..	..	..	..	7
Multiple and Departmental Stores	..	..	..	..	..	..	..	..	..	..	..	..	3
Newsagents	..	..	..	..	..	..	..	..	..	..	..	..	8
Opticians	..	..	..	..	..	..	..	..	..	..	..	..	3
Pet Shops and Seed Merchants	..	..	..	..	..	..	..	..	..	..	..	..	3
Petrol Filling Stations (excluding those registered as Factories )	..	..	..	..	..	..	..	..	..	..	..	..	4
Places of Entertainment	..	..	..	..	..	..	..	..	..	..	..	..	3
Plumbing and Heating Engineers	..	..	..	..	..	..	..	..	..	..	..	..	2
Photographers	..	..	..	..	..	..	..	..	..	..	..	..	3
Radio and Television	..	..	..	..	..	..	..	..	..	..	..	..	9
Sports and Camping Equipment	..	..	..	..	..	..	..	..	..	..	..	..	2
Stationers	..	..	..	..	..	..	..	..	..	..	..	..	4
Toys	..	..	..	..	..	..	..	..	..	..	..	..	3
Tobacconists	..	..	..	..	..	..	..	..	..	..	..	..	4
Wallpaper	..	..	..	..	..	..	..	..	..	..	..	..	4
Warehouse and Wholesalers	..	..	..	..	..	..	..	..	..	..	..	..	8
Wool	..	..	..	..	..	..	..	..	..	..	..	..	2



(3) Complaints and Matters Referred

Complaints received .....	813
Complaints investigated .....	732
Complaints referred to other Departments and Authorities .....	74
Other matters referred to other Departments and Authorities .....	7

(4) Testing of Drains and Sanitary Fittings

Drains tested with water .....	4
Drains tested with other means .....	19

(5) Notices Served and the Results  
of the Service of such Notices

(a) <u>Preliminary Notices</u>	<u>No. Served</u>	<u>No. Complied with</u>
(i) Dwelling Houses for Housing Defects	18	21
(ii) Special Premises (Shops, Factories, etc.)	12	3

N.B. The number of notices complied with in respect of dwelling houses, includes notices outstanding from the previous year.

(6) Summary of Improvements Effected

	At dwelling houses	At Food Premises	At Shops, offices Hotels etc.
Abstract Provided - Offices, Shops & Railway Premises Act	-	-	1
Accumulations removed	2	-	-
Ceilings Repaired or Renewed	9	-	-
Chimney Stacks Repaired or Improved	4	-	-
Dampness Remedied	5	-	-
Disinfection and Disinfestation	94	-	-
Doors Repaired or Renewed	5	-	-
Drains cleared or repaired	57	-	2
Drain inspection chambers provided, renewed or improved	5	-	-
Drains laid or relaid	11	-	-
Eaves gutters repaired or renewed	9	-	-
Equipment provided or improved	-	1	-
Fireplaces repaired or renewed	1	-	-
First Aid Kit provided	-	1	1
Floors repaired or renewed	13	-	-
Food Handling improved	-	1	-
Food Stores provided or improved	2	-	-
Gulleys provided	4	-	-
Handrail to staircase provided	2	-	-
Hot water supply provided or improved	3	-	-
Outbuilding Demolished	2	-	-
Rain Water Pipes repaired or renewed	6	-	-
Roofs Repaired	13	-	-
Rooms decorated and cleansed	-	1	-
Sinks, baths or basins provided	8	-	-
Smoking - cautions given	-	3	-
Soil and vent pipes provided/improved	1	-	-
Staircase repaired/renewed	2	-	-
Street markets - name & address board	-	18	-
Thermometers provided	-	-	1
Wall plaster repaired or renewed	8	-	-
Walls repaired or renewed: - Internal	8	-	-
External	20	-	-
Waste Pipes repaired or renewed	8	-	-
Water supply pipes repaired or renewed	13	-	-
<u>Water Closets:</u> Artificial lighting provided	3	-	-
Cisterns repaired or renewed	3	-	-
Flushpipe joints repaired	2	-	-
Improved	5	-	-
Pedestals provided	4	-	-
Provided/Rebuilt	2	-	-
Seats provided or repaired	3	-	-
Windows provided or repaired	17	-	-
Yard paving provided or improved	5	-	-

(7) Disinfection and Disinfestation

92 properties were disinfested and 225 wasp's nests were destroyed during the year. The wasp's nests were dealt with by Rentokil Laboratories Limited on behalf of the Council. 2 Disinfections were also carried out.

(8) Atmospheric Pollution

Details of the observations for the year ending 31st March, 1970, in connection with the National Survey of Air Pollution, are given in Table I. The sites listed in this table are all in the same classification as Bishop's Stortford and this enables a comparison to be made of the smoke and sulphur dioxide concentrations.

Table II shows the average concentrations of smoke and sulphur dioxide at the two stations in the town since local recordings began. The amounts of pollution are not very large but it will be noted that there has been a steady fall in smoke pollution. The figures are, to say the least, very encouraging and show that this form of air pollution has been reduced to almost half the amount recorded in 1960 at Station No. 1. The results recorded at Station No. 2 are even more striking and reveal that smoke pollution is about one third of what it was in 1962.

Table III indicates the average monthly concentrations of smoke and sulphur dioxide for the year 1970 at the two stations.

TABLE I

NATIONAL SURVEY OF AIR POLLUTION

Table of Observations for the year ending 31st March 1970  
for Typical Sites in same Classification as Bishop's Stortford.

SITE NAME AND NUMBER (D/2)	SMOKE			SULPHUR DIOXIDE			RATIO OF SMOKE TO SULPHUR DIOXIDE		
	Summer	Winter	Yearly Average	Summer	Winter	Yearly Average	Summer	Winter	Yearly Average
U.D.C. Herts	18	50	34	55	113	84	.33	.44	.40
B.C. Essex	9	44	27	40	84	62	.23	.52	.44
U.D.C. Herts	20	48	33	48	134	90	.42	.36	.37
U.D.C. Essex	17	38	28	50	87	69	.34	.44	.41
U.D.C. Essex	26	52	39	76	113	95	.34	.46	.41
U.D.C. Essex	11	35	25	39	57	50	.28	.61	.50
U.D.C. Essex	22	51	37	25	32	29	.88	1.59	1.28
Bishop's Stortford UDC	28	61	45	30	80	55	.93	.76	.82

Concentrations expressed in Microgrammes per Cubic Metre

B.C. - Borough Council

U.D.C. - Urban District Council

Site Classification -

D/2 - small town centre, limited commercial area  
mixed with old residential housing and  
possibly minor industry.

TABLE II

ATMOSPHERIC POLLUTION

Averages for Both Stations in Bishop's Stortford  
since Investigations commenced locally

STATION	YEAR	S M O K E			S U L P H U R D I O X I D E		
		Summer Average	Winter Average	Yearly Average	Summer Average	Winter Average	Yearly Average
Bishop's Stortford No. 1 Station Council House.	1960	42	177	79	42	98	70
	1961	35	120	78	47	110	78
	1962	31	119	75	36	90	63
	1963	30	103	66	39	102	71
	1964	32	96	70	44	98	77
	1965	33	76	54	36	64	50
	1966	28	80	54	35	76	56
	1967	26	77	51	35	84	60
	1968	26	61	43	36	76	56
	1969	27	59	43	30	76	53
	1970	33	54	44	44	76	60
Average for above 11 years		31	93	60	39	86	63
Bishop's Stortford No.2 Station Cemetery	1962	23	118	71	26	89	58
	1963	23	116	70	32	112	72
	1964	20	113	67	34	100	67
	1965	22	84	53	33	67	50
	1966	20	70	45	32	65	48
	1967	18	58	38	27	67	47
	1968	27	49	38	36	66	51
	1969	16	50	33	27	70	49
	1970	14	36	25	39	69	54
Average for above 9 years		20	77	49	32	78	55

CONCENTRATIONS EXPRESSED IN MICROGRAMMESPER CUBIC METRE

The Average monthly concentrations for both stations  
in Bishop's Stortford are given in Table III



TABLE III  
ATMOSPHERIC POLLUTION  
AVERAGE MONTHLY CONCENTRATION FIGURES - BISHOP'S STORTFORD

1970	COUNCIL HOUSE STATION NO. 1						CEMETERY STATION NO. 2					
	Smoke			Sulphur Dioxide			Smoke			Sulphur Dioxide		
	Average Value	Highest Value	Lowest Value	Average Value	Highest Value	Lowest Value	Average Value	Highest Value	Lowest Value	Average Value	Highest Value	Lowest Value
JANUARY	73	161	14	98	179	65	49	128	15	81	139	44
FEBRUARY	54	138	22	85	147	37	41	94	15	74	172	31
MARCH	55	138	10	87	236	19	28	95	6	76	271	18
APRIL	41	103	25	68	138	28	12	61	2	48	87	19
MAY	21	50	13	43	72	23	10	21	2	39	57	26
JUNE	17	32	10	36	58	21	7	13	3	35	52	22
JULY	14	30	6	41	58	29	5	11	1	35	90	21
AUGUST	21	46	10	39	57	30	10	22	3	35	61	20
SEPTEMBER	86	166	35	37	54	16	43	92	11	44	106	28
OCTOBER	32	72	5	49	94	18	21	61	4	50	85	27
NOVEMBER	50	176	10	55	112	24	27	73	6	54	81	18
DECEMBER	60	211	15	83	200	36	51	174	14	77	232	29
AVERAGES	44	110	15	60	117	29	25	70	7	54	119	25

AVERAGES FOR 1969	43	101	17	53	117	29	33	92	10	49	103	22
----------------------	----	-----	----	----	-----	----	----	----	----	----	-----	----

CONCENTRATIONS EXPRESSED IN MICROGRAMMES  
PER CUBIC METRE

(9) Inspection and Supervision of Food

(a) Food Hygiene

Forty-six food complaints were investigated during the year and a number of warning letters were sent. Members of the general public perform a useful service in bringing forward these complaints. Legal proceedings were instituted under Section 8, Food & Drugs Act, 1955 against a retailer in the town with regard to the sale of Scotch Eggs which were found to be unfit for human consumption. The defendants pleaded guilty in respect of seven summonses and were fined £2-00 on each count, plus costs of £5-00.

(b) Markets, stalls and Delivery Vehicles

Regular inspections were carried out during the year to ensure compliance with the provisions of the Food Regulations which apply to covered and uncovered markets, delivery vehicles mobile shops, stalls and trading in the open air generally.

(c) Milk Supply

Fifty-nine samples of bottled milk and seven samples of cream were taken in the course of delivery to the consumer during the year and submitted to the Cambridge Public Health Laboratory for bacteriological examination. Details of these samples are shown in the table.

Designation	No. of samples taken	No. Satisfactory	No. Unsatisfactory
Pasteurised milk	40	40	-
Sterilised milk	16	16	-
Cream	7	7	-
Separated milk	3	3	-

Legal proceedings were taken under the Milk and Dairies (General) Regulations, 1959, against the local Dairy for the sale of milk in a bottle which had not been properly cleansed. The defendants pleaded guilty and were fined £10-00 and £5-00 costs.

(d) Manufacture and Sale of Ice-Cream

Thirty-six premises are registered for the storage and sale of ice-cream.

Bacteriological Examination

11 samples of ice-cream were submitted to the Cambridge Public Health Laboratory for bacteriological examination. The results of the samples are detailed in the table below. Grade 4 samples are regarded as unsatisfactory.

No. of samples	Results of Samples			
	Grade 1	Grade 2	Grade 3	Grade 4
ICE-CREAM 11	9	2	-	-

12 samples of ice lollies were also taken and all were reported upon as satisfactory by the laboratory.

(e) Meat and Other Food Inspection

(i) Twelve premises are registered under the Food and Drugs Act, 1955 for the preparation and manufacture of preserved food.

(ii) The Imported Food Regulations, 1968

Containerisation of Imported Food has brought about an increased activity in this respect at the United Kingdom Cold Store, Dunmow Road. The Regulations allow for the Containers, in certain cases, to pass through the ports for examination at their destination in this Country. The Containers, which are refrigerated, remain sealed until examination of the contents is carried out before being taken into cold storage.

The type of food consisted mainly of frozen vegetables, beans and brussell sprouts and the total weight brought into the Cold Store during the year was a little over 26 tons. Advance notification of the movement of the Containers is given by the appropriate Port Health Authority in accordance with the Regulations

(f) Miscellaneous Food Sampling

28 samples of various foods were submitted for bacteriological examination to the Cambridge Public Health Laboratory. All were found to be satisfactory.

(g) Disposal of Condemned Meat and Other Foods

All unsound food was disposed of under supervision at the Council's controlled tip at Hadham Towers.

The total amount of food condemned was 2.457 tons. This compares with 3.857 for the year 1969. Details are given below:-

Type of Food Condemned	Tons	Cwts.	lbs.
Offal			20
Meat			16
Tinned Meat (196 tins)		2	19
Other tinned foods (2,150 tins)		16	92
Fresh fish		1	14
Fresh fruit and Vegetables		4	52
Other Foods		19	92
Frozen foods (1,043 packets)		4	46
TOTAL	2	9	15



(10) Rodent Control

(i) Disinfestation of Sewers

Two treatments of the sewers were carried out during May and September 1970. There had been increasing evidence of rats in the sewers and 100 manholes were baited on each occasion. Thirteen manholes revealed evidence of rats during the first treatment but only two manholes were found to be affected when the second treatment was undertaken.

(ii) Disinfestation of Surface Properties

	TYPE OF PROPERTY	
	<u>Non- Agricultural</u>	<u>Agricultural</u>
1. Number of Properties in District .....	8,148	28
2. (a) Total Number of Properties (including nearby premises) inspected following notification ....	201	3
(b) Number infested by :-		
(i) Rats .....	122	2
(ii) Mice .....	79	1
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification .	653	52
(b) Number infested by :-		
(i) Rats .....	4	6
(ii) Mice .....	2	7

(11) The Storage of Petroleum Spirit

Fifty premises were licensed by the Council for the storage of Petroleum Spirit and fees received in respect of these licences amounted to £185-00.

Two underground petrol tanks were taken out of service during the year and were filled with water as a safety precaution.

(12) Pet Animals Act, 1951

Three licences were renewed by the Council during the year in respect of the keeping of pet shops.

(13) Animal Boarding Establishments Act, 1963

One establishment which was previously licensed by the Council in accordance with the provisions of the above Act ceased to function and the licence was not renewed.

(14) Factories Act, 1961

64 visits were made to the factories on the register and it was found necessary in one instance to serve an informal notice.

PART I OF THE ACT

1. INSPECTIONS For Purposes of  
Provisions as to Health

Premises	Number on Register	Number of		
		Inspections	Written Notices	Occupiers Prosecuted
(i) Factories in which Section 1,2,3,4 and 6 are to be enforced by Local Authorities	4	6	-	-
(ii) Factories not in- cluded in (i) in which Section 7 is enforced by Local Authority	95	51	1	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding Outworkers' premises)	15	7	-	-
T O T A L	114	64	1	-

PART I OF THE ACT (continued)

2. CASES In Which Defects Were Found

Particulars	No. of cases in which Defects were found				No. of Cases in which Prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
Want of Cleanliness (s 1) .....	-	-	-	-	-
Overcrowding (s 2)...	-	-	-	-	-
Unreasonable temperature (s 3)..	-	-	-	-	-
Inadequate ventil- ation (s 4) .....	-	-	-	-	-
Ineffective drainage of floors (s 6)....	-	-	-	-	-
Sanitary Conveniences (s 7) :-					
(a) Insufficient....	-	-	-	-	-
(b) Unsuitable or defective .....	1	1	-	-	-
(c) Not separate for sexes .....	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork) .....	-	-	-	-	-
TOTAL	1	1	-	-	-

(15) HOUSING

Number of new houses erected during the year:-

(a) By the Local Authority ..... Nil

(b) By Private Enterprise ..... 49

Number of houses made available by conversion

or adaptation of existing buildings ..... Nil

Number of houses changed to other use ..... Nil

HOUSES DEMOLISHED:

One house was demolished during the year:-

Newtown Road - No. 19

HOUSES CLOSED:

The houses listed below were closed during the year:-

Bartholomew Road - No. 48

Dimsdale Crescent - Nos. 101, 105

Middle Row - Nos. 20, 24, 48

Newtown Road - Nos. 25, 27

Oak Street - Nos. 18, 19, 20, 21, 22, 25, 27, 28, 30, 32, 40, 46

Trinity Street - Nos. 1, 3, 5, 7

HOUSES REMOVED TO MAKE WAY FOR OTHER DEVELOPMENT

Church Street - Nos. 6, 8, 10

Hockerill Street - Nos. 3, 5, 7

London Road - No. 9

(16) The Offices, Shops and Railway Premises Act, 1963

Registrations and Inspections

Sixteen premises were newly registered during the year and there were 276 premises on the register at the end of the year, employing 881 males and 974 females, a total of 1,855.

TABLE "A"

REGISTRATIONS AND GENERAL INSPECTIONS

Class of Premises	Number of Premises Newly Registered during the year	Total Number of Registered Premises at end of year	Number of Registered Premises receiving one or more general inspections during the year
Offices .....	8	90	6
Retail Shops -...	6	155	6
Wholesale shops, warehouses .....	Nil	8	Nil
Catering establishments, open to public, .....			
canteens .....	2	19	3
Fuel Storage depots .....	Nil	4	Nil
TOTALS	16	276	15

TABLE "B"

Number of Visits of all kinds (including general inspections) to Registered Premises .....	629
--	-----

TABLE "C"

ANALYSIS OF PERSONS EMPLOYED IN  
REGISTERED PREMISES BY WORKPLACE

Class of Premises	Number of Persons employed
Offices .....	574
Retail Shops .....	957
Wholesale shops, Warehouses .....	104
Catering Establishments open to the public .....	136
Canteens .....	21
Fuel Storage Depots .....	63
Total .....	1,855
Total Males .....	881
Total Females .....	974

TABLE "D"

EXEMPTIONS GRANTED

Part I	Space (Section 5) (2) .....	Nil
Part II	Temperature (Section 6) .....	Nil
Part III	Sanitary Conveniences (Section 9) .....	Nil
Part IV	Washing Facilities (Section 10) .....	Nil

TABLE "E"

Prosecutions .....	Nil
--------------------	-----

TABLE "F"

## INSPECTORS

No. of Inspectors appointed under Section 52 (1) or (5) of the Act .....	3
No. of other staff employed for most of their time on work in connection with the Act .....	Nil

TABLE "G"

## ANALYSIS OF CONTRAVENTIONS

Section	Number of Contraventions Found	Section	Number of Contraventions Found
4	Cleanliness ..... 4	14	Seats (sedentary workers)...2
5.	Overcrowding ..... 1	15	Eating Facilities .....2
6	Temperature ..... 1	16	Floors, passage & stairs ..... 2
7	Ventilation ..... 1	17	Fencing exposed parts of machinery ..... Nil
8	Lighting ..... Nil	18	Protection of young persons from danger- ous machinery ..... Nil
9	Sanitary conveniences .... 4	19	Training of young per- sons working at danger- ous machinery ..... Nil
10	Washing facilities ..... 5	23	Prohibition of heavy work ..... Nil
11	Supply of drinking water ..... Nil	24	First Aid ..... 1
12	Clothing accommodation ... 1		Other matters ..... 3
13	Sitting Facilities ..... 2		
		TOTAL	29



TABLE "H"  
REPORTED ACCIDENTS

Workplace	No. Reported		Total No. Investigated	Action Recommended			No Action
	Fatal	Non-Fatal		Prosecution	Formal Warning	Informal Advice	
Offices	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Retail shops	Nil	5	5	Nil	Nil	5	Nil
Wholesale shops, warehouses	Nil	1	1	Nil	Nil	1	Nil
Catering estab- lishments open to public, canteens	Nil	1	1	Nil	Nil	1	Nil
Fuel storage depots	Nil	Nil	Nil	Nil	Nil	Nil	Nil
TOTALS	Nil	7	7	Nil	Nil	7	Nil

TABLE "J"  
ANALYSIS OF REPORTED ACCIDENTS

	Offices	Retail Shops	Wholesale Shops, Warehouses	Catering Establishments Open to public, canteens	Fuel Storage Depots
Machinery	Nil	Nil	Nil	Nil	Nil
Transport	Nil	Nil	Nil	Nil	Nil
Falls of persons	Nil	1	Nil	Nil	Nil
Stepping on or striking against object or person	Nil	1	Nil	Nil	Nil
Handling goods	Nil	2	1	Nil	Nil
Struck by fall- ing object	Nil	Nil	Nil	Nil	Nil
Fires and Explosions	Nil	Nil	Nil	Nil	Nil
Electricity	Nil	Nil	Nil	Nil	Nil
Use of hand tools	Nil	1	Nil	Nil	Nil
Not otherwise specified	Nil	Nil	Nil	1	Nil





